**Energy Mapping Process at end Step 5**

| Facility | Area | Meter | Consum | % | Notes |
|---|---|---|---|---|---|
| Admin | 15 | Diesel | 15 | 10% | Calculated consumption based on potential emergency circuit loads |
| Admin | 15 | Site Elec | 300 | 13% | Know consum is 300 - only facility supplied by electricity not going through submeters |
| Heat Plant | 0.5 | Coal | 850 | 100% | Only facility supplied by this sub-meter |
| Heat Plant | 0.5 | ElecSub1 | 14 | 1% | Pro-Rata based on floor area |
| Laundry | 4 | ElecSub3 | 250 | 100% | Only facility supplied by this sub-meter |
| Laundry | 4 | GasSub | 800 | 100% | Only facility supplied by this sub-meter |
| Op. Theatres | 6 | Diesel | 60 | 40% | Calculated consumption based on known emergency circuit loads |
| Op. Theatres | 6 | ElecSub1 | 174 | 17% | Pro-Rata based on floor area |
| Op. Theatres | 6 | ElecSub2 | 145 | 19% | Pro-Rata based on floor area |
| Op. Theatres | 6 | Site Gas | 84 | 11% | Pro-Rata based on floor area |
| Ward1 | 25 | ElecSub2 | 605 | 81% | Pro-Rata based on floor area |
| Ward1 | 25 | Site Gas | 351 | 44% | Pro-Rata based on floor area |
| Ward2 | 28 | Diesel | 75 | 50% | Calculated consumption based on known emergency circuit loads |
| Ward2 | 28 | ElecSub1 | 812 | 81% | Pro-Rata based on floor area |
| Ward2 | 28 | Site Gas | 393 | 49% | Pro-Rata based on floor area |
| | | Total kWh | 4928 | | |

**Apportioning Heat Plant Energy**

| Facilities Heated | Volume | Consumption (000 kWh) | Notes |
|---|---|---|---|
| Ward1 | 63 | 470 | Pro-rata based on volume (Actual figures will be calculated by the application) |
| Admin | 33 | 246 | Pro-rata based on volume (Actual figures will be calculated by the application) |
| Op.Theatres | 18 | 134 | Pro-rata based on volume (Actual figures will be calculated by the application) |
| Tot Volume | 114 | | |

**Check Consumption for Each Facility (total consumption / floor area)**

| Facility | Tot. Consum (incl heat plant) | kWh/sq. Metre |
|---|---|---|
| Admin | 561 | 37 |
| Ward 1 | 1425 | 57 |
| Ward 2 | 1280 | 46 |
| Laundry | 1050 | 263 |
| Operating Theatres | 597 | 100 |
| Heat Plant | 14 | 29 |

# FIGURE 7